

Customer No.: 31561
Application No.: 10/708,174
Docket No.: 12446-US-PA

To the Claims:

Claim 1 (currently amended) A data transfer method for a USB device, comprising:

connecting a USB device to a USB;

determining whether a data transfer rate of a bulk transfer [[type]] transmission in the USB is lower than a predetermined value; and

using the bulk transfer transmission in the USB to transfer the data in the USB device if the data transfer rate of the bulk transfer transmission in the USB is not lower than the predetermined value, and/or swapping to use an interrupt transfer [[type]] transmission in the USB to transfer the data in the USB device [[when]] if the data transfer rate of the bulk transfer [[type]] transmission in the USB is lower than the predetermined value.

Claim 2 (canceled).

Claim 3 (currently amended) The data transfer method for the USB device of claim 1, further comprising:

after using the interrupt transfer [[type]] transmission in the USB to transfer the data in the USB device for a predetermined period of time, swapping to use the bulk transfer [[type]] transmission in the USB to transfer the data in the USB device.

Customer No.: 31561
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Claim 4 (currently amended) The data transfer method for the USB device of claim 1, wherein the predetermined value is a data transfer rate which is guaranteed by the interrupt transfer [[type]] transmission in the USB.

Claim 5 (currently amended) A data transfer method for a USB device, comprising:
determining whether a data transfer rate of a bulk transfer [[type]] transmission in a USB connected to a USB device is lower than a predetermined value; and
using the bulk transfer transmission in the USB to transfer the data in the USB device when the data transfer rate of the bulk transfer transmission in the USB is not lower than the predetermined value, and/or selecting using an interrupt transfer [[type]] transmission in the USB to transfer [[a]] data in the USB device [[when]] if the data transfer rate of the bulk transfer [[type]] transmission in the USB is lower than the predetermined value.

Claim 6 (canceled).

Claim 7 (currently amended) The data transfer method for the USB device of claim 5, further comprising:

after using the interrupt transfer [[type]] transmission in the USB to transfer the data in the USB device for a predetermined period of time, swapping to the bulk transfer [[type]] transmission in the USB to transfer the data in the USB device.

Customer No.: 31561
Application No.: 10/708,174
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Claim 8 (currently amended) The data transfer method for the USB device of claim 5, wherein the predetermined value is a data transfer rate which is guaranteed by the interrupt transfer [[type]] transmission in the USB.